STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Ledge
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line — CLL

Centerline-Existing
Centerline-Proposed — 10+00
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utlity Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line — W
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

JAY
FRANKLIN COUNTY
STATE ROUTE 133 AT HYDE ROAD & EAST JAY ROAD
AC-STP-1901(900)X
PROJECT LENGTH : 0.123 MILES

INDEX OF SHEETS

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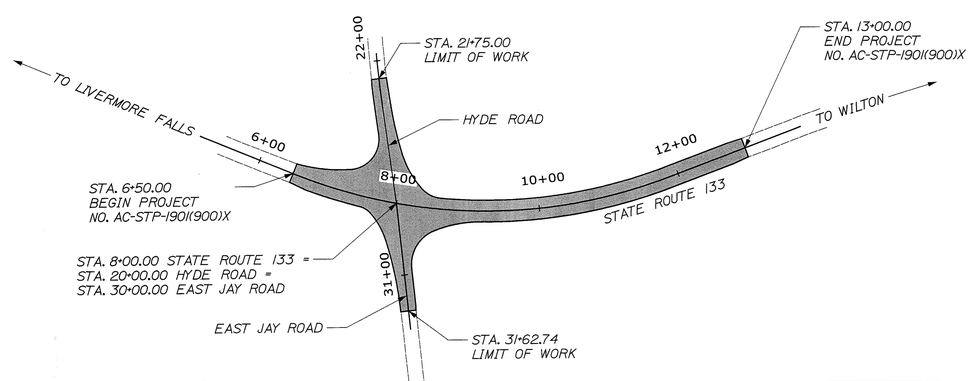
Cross - Sections	8-17



LAYOUT SCALE

100 0 100 200

Scale in Feet

TRAFFIC DATA

Current (2012) AADT	3580
Future (2032) AADT	5010
DHV - % of AADT	10%
Design Hour Volume	501
% Heavy Trucks (AADT)	6%
% Heavy Trucks (DHV)	4%
Directional Distribution (DHV)	53%
18 kip Equivalent P 2.0	184
18 kip Equivalent P 2.5	176
Design Speed (mph)	35
Functional Class:	Major Collector

T·Y·LIN INTERNATIONAL

PROJECT LOCATION:	State Route 133 at Hyde Road and East Jay Road
PROGRAM AREA:	Traffic Program
OUTLINE OF WORK:	Intersection Safety Improvements

WIN 19019.00 AC-STP-1901(900)X

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

		DATE
APPROVED		
COMMISSIONER:		8/9/13
CHIEF ENGINEER:		8-9-13

STATE OF MAINE — KATHERINE E. KERN — No. 6413 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
P.E. NUMBER	6413
DATE	7/26/2013

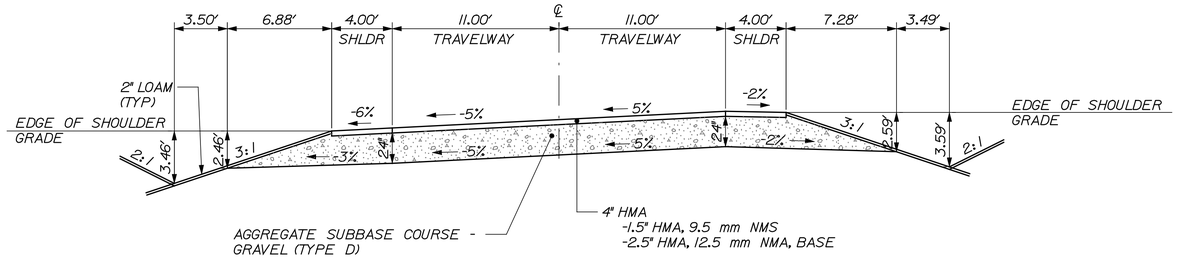
PROJECT INFORMATION

PROGRAM	TRAFFIC
PROJECT MANAGER	BRIAN KEEZER
DESIGNER	KATHERINE KERN
CONSULTANT	T.Y. LIN INTERNATIONAL
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

JAY
ROUTE 133 AND HYDE ROAD
TITLE SHEET

SHEET NUMBER
1
OF 17

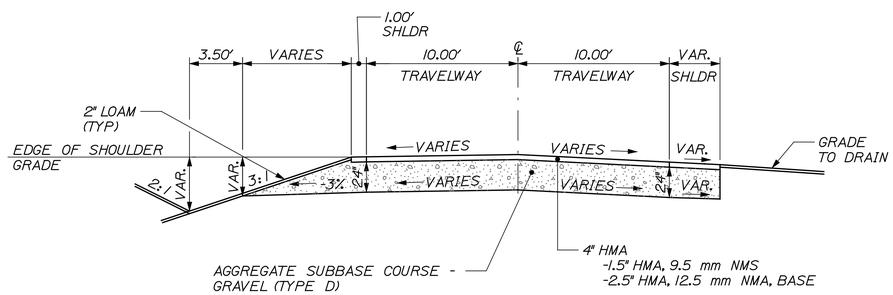
Filename: ...\highway\rmsta\001_Title.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



SUPERELEVATED FULL CONSTRUCTION - STATE ROUTE 133

AGGREGATE SUBBASE COURSE - GRAVEL (TYPE D) CY/100 LF		
UNDER 4' LOW SIDE SHOULDER	UNDER 11' TRAVEL LANE	UNDER 4' HIGH SIDE SHOULDER
55.59	81.48	59.66

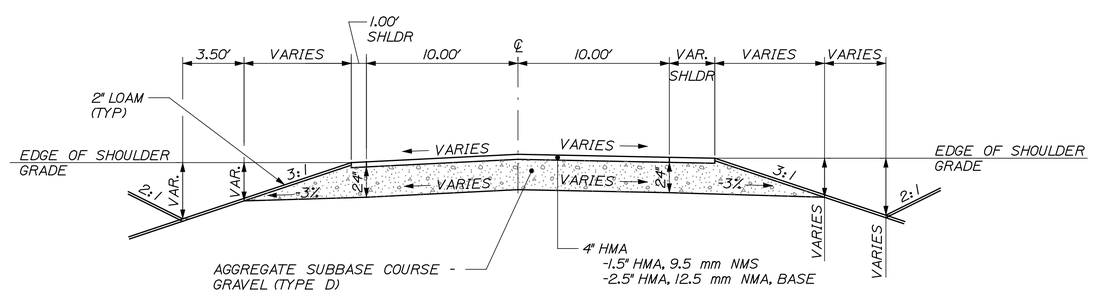
STA. 6+50 TO STA. 13+00



FULL CONSTRUCTION - EAST JAY ROAD

AGGREGATE SUBBASE COURSE - GRAVEL (TYPE D) CY/100 LF		
UNDER 4' LOW SIDE SHOULDER	UNDER 11' TRAVEL LANE	UNDER 4' HIGH SIDE SHOULDER
VARIES	74.07	VARIES

STA. 30+16 TO STA. 31+62.74



FULL CONSTRUCTION - HYDE ROAD

AGGREGATE SUBBASE COURSE - GRAVEL (TYPE D) CY/100 LF		
UNDER 4' LOW SIDE SHOULDER	UNDER 11' TRAVEL LANE	UNDER 4' HIGH SIDE SHOULDER
VARIES	74.07	VARIES

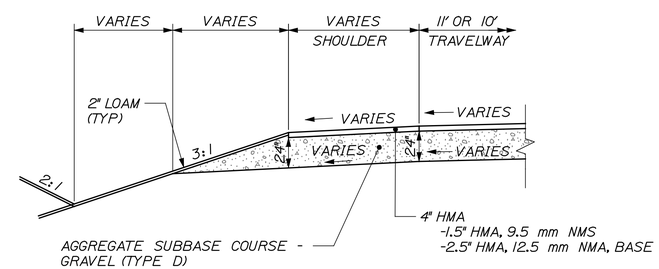
STA. 20+16 TO STA. 21+75

SUPERELEVATION TABLE

STATE ROUTE 133				
LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
MATCH EXIST. (-3.5%)	MATCH EXIST. (-3.5%)	6+50	MATCH EXIST. (2.6%)	MATCH EXIST. (2.6%)
-6.0%	-4.8%	7+00	4.8%	-0.2%
-6.0%	-5.0%	7+05	5.0%	-2.0%
		TO		
-6.0%	-5.0%	11+50	5.0%	-2.0%
-6.0%	-3.1%	12+00	2.4%	-2.0%
-2.7%	-1.3%	12+50	-0.1%	-3.0%
MATCH EXIST. (0.6%)	MATCH EXIST. (0.6%)	13+00	MATCH EXIST. (-2.7%)	MATCH EXIST. (-2.7%)

HYDE ROAD				
LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
-7.9%	-7.9%	20+16	7.9%	7.9%
-5.9%	-5.9%	20+50	5.9%	5.9%
-4.2%	-4.2%	20+79.09	4.2%	4.2%
-4.2%	-4.2%	21+00	2.9%	2.9%
-4.2%	-4.2%	21+50	0.0%	0.0%
MATCH EXIST. (-4.2%)	MATCH EXIST. (-4.2%)	21+75	MATCH EXIST. (-1.4%)	MATCH EXIST. (-1.4%)

EAST JAY ROAD				
LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
7.2%	7.2%	30+16	-7.2%	-7.2%
5.1%	5.1%	30+50	-5.1%	-5.1%
2.5%	2.5%	30+93.39	-2.5%	-2.5%
2.1%	2.1%	31+00	-2.5%	-2.5%
-1.0%	-1.0%	31+50	-2.5%	-2.5%
MATCH EXIST. (-1.7%)	MATCH EXIST. (-1.7%)	31+62.74	MATCH EXIST. (-2.5%)	MATCH EXIST. (-2.5%)



VEHICLE TURNING APRONS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE — KATHERINE E. KERN — No. 6413 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE		
6413		
P.E. NUMBER		
7/26/2013		
DATE		

PROJ. MANAGER	K. KERN		
	BY	DATE	
DESIGN-DETAILED	TSK	PEM	6/13
CHECKED-REVIEWED	TSK	KEK	7/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY
ROUTE 133 AND HYDE ROAD

TYPICAL SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER

2

OF 17

Filename: ...\highway\msta\002_Typical01.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

GENERAL NOTES:

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:
   FAIRPOINT COMMUNICATIONS
   CENTRAL MAINE POWER
   TIME WARNER CABLE
   LIVERMORE FALLS WATER DISTRICT

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.

3. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND DRAINAGE SHOWN ON THE PLANS AND CROSS-SECTIONS IS APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR.

4. ESTIMATED GRUBBING DEPTHS ARE 6 INCHES IN FIELD AREAS AND 12 INCHES IN WOODED AREAS.

5. ALL DITCH ELEVATIONS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISH DITCH FLOW LINE.

6. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.

7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

8. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.

9. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

10. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL BE PAID FOR AS GRANULAR BORROW.

11. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.

12. EXISTING INSLOPES STEEPER THAN 2:1 IN PROPOSED FILL AREAS SHALL BE BENCHED AS DIRECTED BY THE RESIDENT.

13. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH:
    2" HOT MIX ASPHALT AND
    12" AGGREGATE SUBBASE COURSE GRAVEL

14. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH:
    14" AGGREGATE SUBBASE COURSE GRAVEL
    UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

15. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH:
    12" AGGREGATE SUBBASE COURSE GRAVEL AND
    2" LOAM, SEED & MULCH
    UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

16. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

17. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.

18. THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM(S):
    - ANY CUTTING OF EXISTING CULVERTS AND OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS
    - ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT, ALL DITCHING AT PIPE ENDS
    - FURNISHING, PLACING, GRADING, AND COMPACTING OF ANY NEW GRAVEL AND/OR FILL MATERIAL INCLUDING GRANULAR BORROW USED UNDER PIPES AND FOR TEMPORARY DETOURS TO MAINTAIN TRAFFIC DURING PIPE INSTALLATION (EXCAVATION IS ALSO INCIDENTAL).
    - GRANULAR BORROW UNDER THE PIPE SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL
    - ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES
    - ANY NECESSARY CLEARING OF BRUSH AND NON-PAY TREES AT CULVERT ENDS
    - PLUGGING OF EXISTING PIPES

19. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

20. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

21. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.

22. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.

23. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

24. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL DESIGNATED AREAS; SEEDING METHOD NO. 3 MAY BE USED INSTEAD OF METHOD NO. 2 IF NOTED OR DIRECTED BY THE RESIDENT.

25. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE DIRECTED.

26. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

27. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.

28. THE FILL QUANTITY SHOWN ON THE CROSS SECTIONS INCLUDES THE WASTE STORAGE.

29. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.

30. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

31. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

32. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.

33. STATIONS REFERENCED ARE APPROXIMATE.

34. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL, FEBRUARY, 2008.

35. PAVEMENT MARKINGS SHALL CONFORM TO THE STANDARD DETAILS AND LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE ABBREVIATIONS SHOWN ON THE PLANS ARE AS FOLLOWS.
    DYCL - 4" DOUBLE YELLOW CENTERLINE
    SWEL - 4" SINGLE WHITE EDGE LINE
    SL - 12" STOP LINE

36. ALL DITCHES NOT OTHERWISE TREATED SHALL HAVE ITEM 613.319 - EROSION CONTROL BLANKET.

37. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFERRING THE EXISTING STRIPING PATTERN ON TO THE SURFACE COURSE.

T·Y·LIN INTERNATIONAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

Katherine E. Kern

SIGNATURE		
6413		
P.E. NUMBER		
7/26/2013		
DATE		

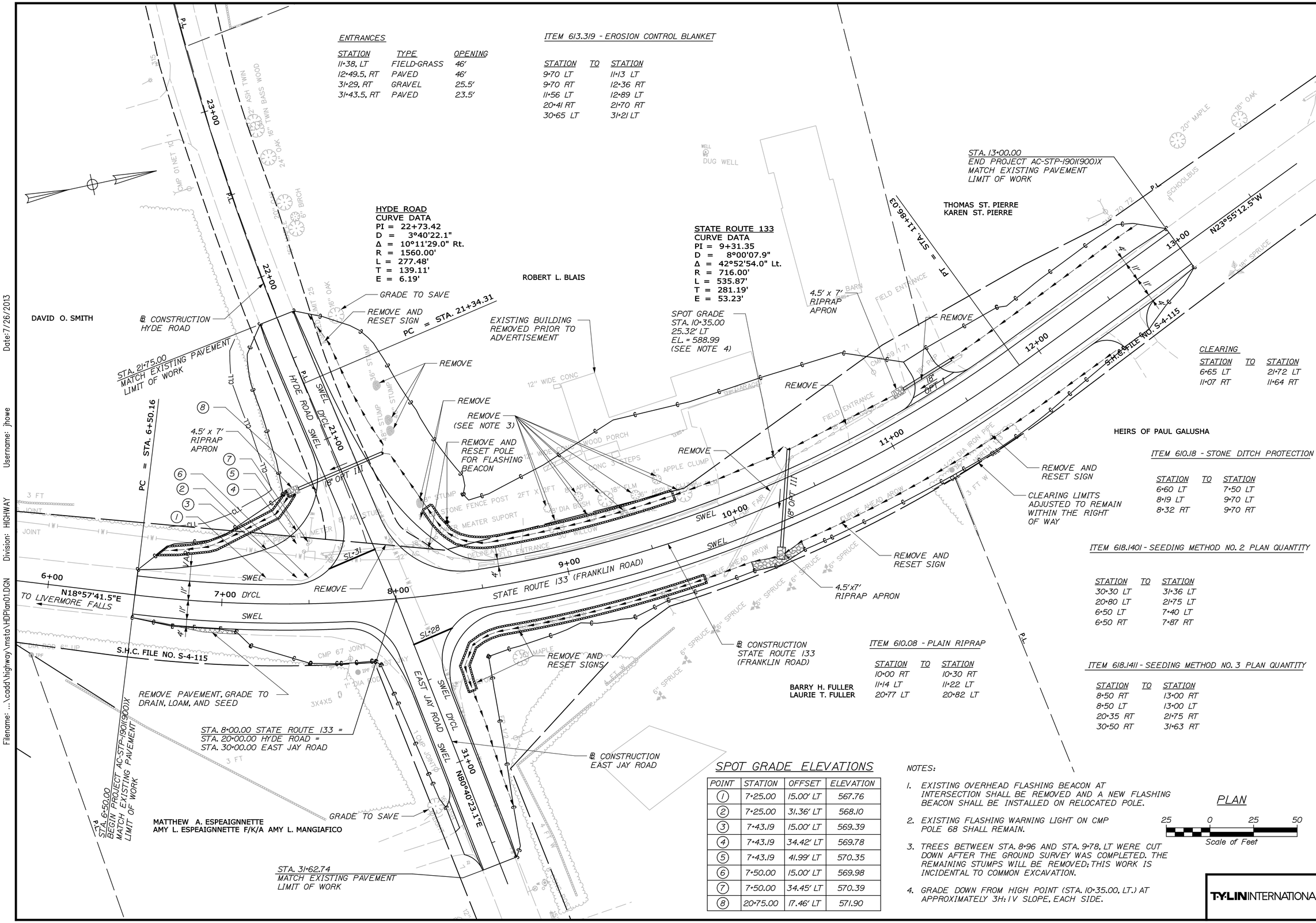
PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED		JRH	BAC	6/13
CHECKED-REVIEWED		JRH	KEK	6/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY
ROUTE 133 AND HYDE ROAD

GERNERAL NOTES

SHEET NUMBER
3
OF 17

Filename: ...\highway\msta\GeneralNotes.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



ENTRANCES

STATION	TYPE	OPENING
11+38, LT	FIELD-GRASS	46'
12+49.5, RT	PAVED	46'
31+29, RT	GRAVEL	25.5'
31+43.5, RT	PAVED	23.5'

ITEM 613.319 - EROSION CONTROL BLANKET

STATION	TO	STATION
9+70 LT		11+13 LT
9+70 RT		12+36 RT
11+56 LT		12+89 LT
20+41 RT		21+70 RT
30+65 LT		31+21 LT

HYDE ROAD
CURVE DATA
PI = 22+73.42
D = 3°40'22.1"
Δ = 10°11'29.0" Rt.
R = 1560.00'
L = 277.48'
T = 139.11'
E = 6.19'

STATE ROUTE 133
CURVE DATA
PI = 9+31.35
D = 8°00'07.9"
Δ = 42°52'54.0" Lt.
R = 716.00'
L = 535.87'
T = 281.19'
E = 53.23'

CLEARING

STATION	TO	STATION
6+65 LT		21+72 LT
11+07 RT		11+64 RT

ITEM 610.18 - STONE DITCH PROTECTION

STATION	TO	STATION
6+60 LT		7+50 LT
8+19 LT		9+70 LT
8+32 RT		9+70 RT

ITEM 618.1401 - SEEDING METHOD NO. 2 PLAN QUANTITY

STATION	TO	STATION
30+30 LT		31+36 LT
20+80 LT		21+75 LT
6+50 LT		7+40 LT
6+50 RT		7+87 RT

ITEM 610.08 - PLAIN RIPRAP

STATION	TO	STATION
10+00 RT		10+30 RT
11+14 LT		11+22 LT
20+77 LT		20+82 LT

ITEM 618.1411 - SEEDING METHOD NO. 3 PLAN QUANTITY

STATION	TO	STATION
8+50 RT		13+00 RT
8+50 LT		13+00 LT
20+35 RT		21+75 RT
30+50 RT		31+63 RT

SPOT GRADE ELEVATIONS

POINT	STATION	OFFSET	ELEVATION
1	7+25.00	15.00' LT	567.76
2	7+25.00	31.36' LT	568.10
3	7+43.19	15.00' LT	569.39
4	7+43.19	34.42' LT	569.78
5	7+43.19	41.99' LT	570.35
6	7+50.00	15.00' LT	569.98
7	7+50.00	34.45' LT	570.39
8	20+75.00	17.46' LT	571.90

NOTES:

1. EXISTING OVERHEAD FLASHING BEACON AT INTERSECTION SHALL BE REMOVED AND A NEW FLASHING BEACON SHALL BE INSTALLED ON RELOCATED POLE.
2. EXISTING FLASHING WARNING LIGHT ON CMP POLE 68 SHALL REMAIN.
3. TREES BETWEEN STA. 8+96 AND STA. 9+78, LT WERE CUT DOWN AFTER THE GROUND SURVEY WAS COMPLETED. THE REMAINING STUMPS WILL BE REMOVED; THIS WORK IS INCIDENTAL TO COMMON EXCAVATION.
4. GRADE DOWN FROM HIGH POINT (STA. 10+35.00, LT.) AT APPROXIMATELY 3H:1V SLOPE, EACH SIDE.

PLAN

25 0 25 50
Scale of Feet

T·Y·LIN INTERNATIONAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
6413	
P.E. NUMBER	
7/26/2013	
DATE	

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	BAC	6/13
CHECKED-REVIEWED	TSK	KEK	7/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY ROUTE 133 AND HYDE ROAD

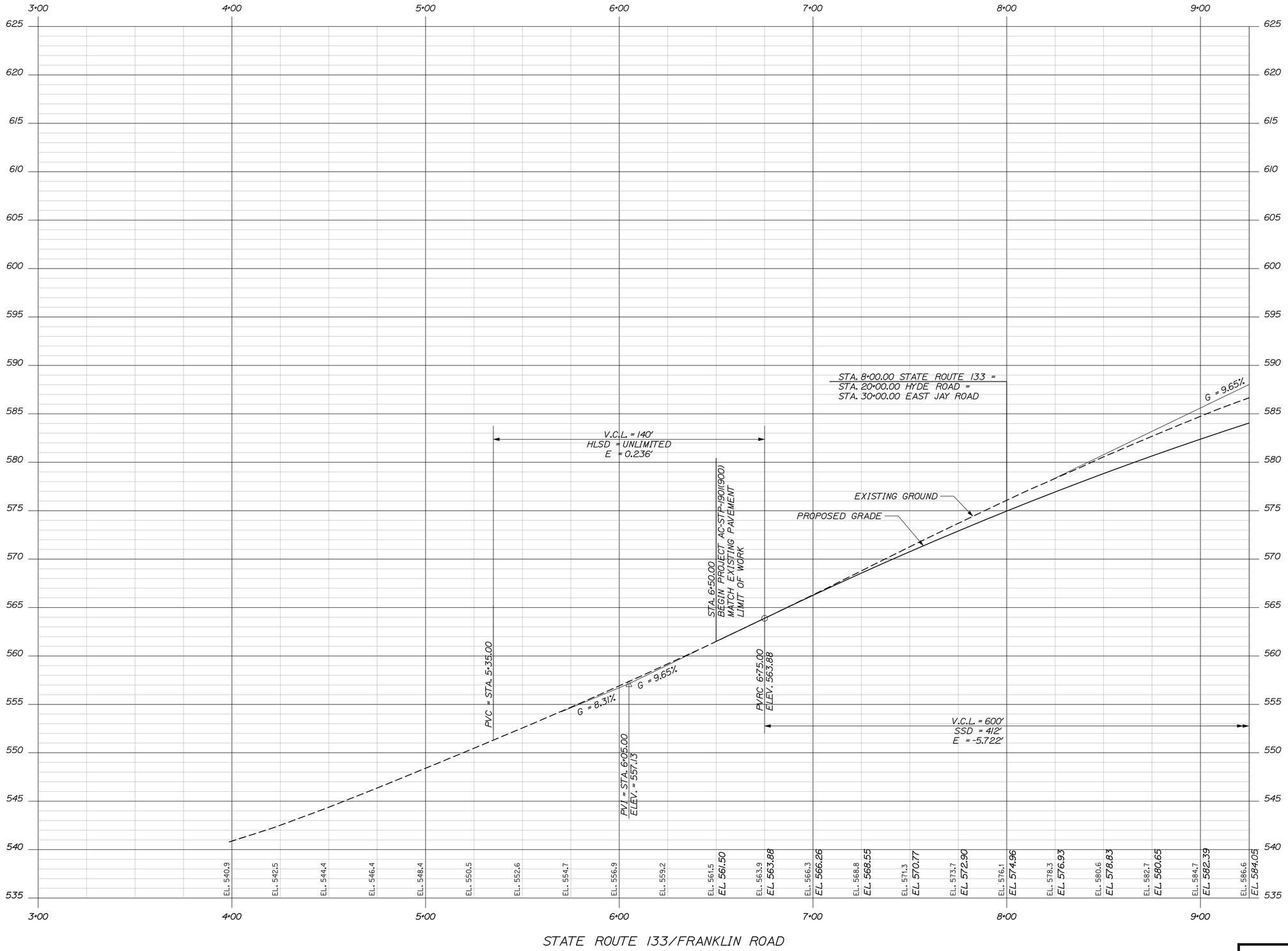
PLAN

SHEET NUMBER

4

OF 17

Filename: ...\cadd\highway\msta\HDPlan01.DGN Division: HIGHWAY Username: jhowe Date:7/26/2013



STATE ROUTE 133/FRANKLIN ROAD

Filename: ...\highway\msta\HDProfile01.DGN Division: HIGHWAY Username: jhowe Date:7/26/2013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	TSK	5/13
CHECKED-REVIEWED	JRH	KSD	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 6413

P.E. NUMBER 7/26/2013

DATE

JAY
ROUTE 133 AND HYDE ROAD

PROFILE
ROUTE 133/FRANKLIN ROAD

T·Y·LIN INTERNATIONAL

SHEET NUMBER
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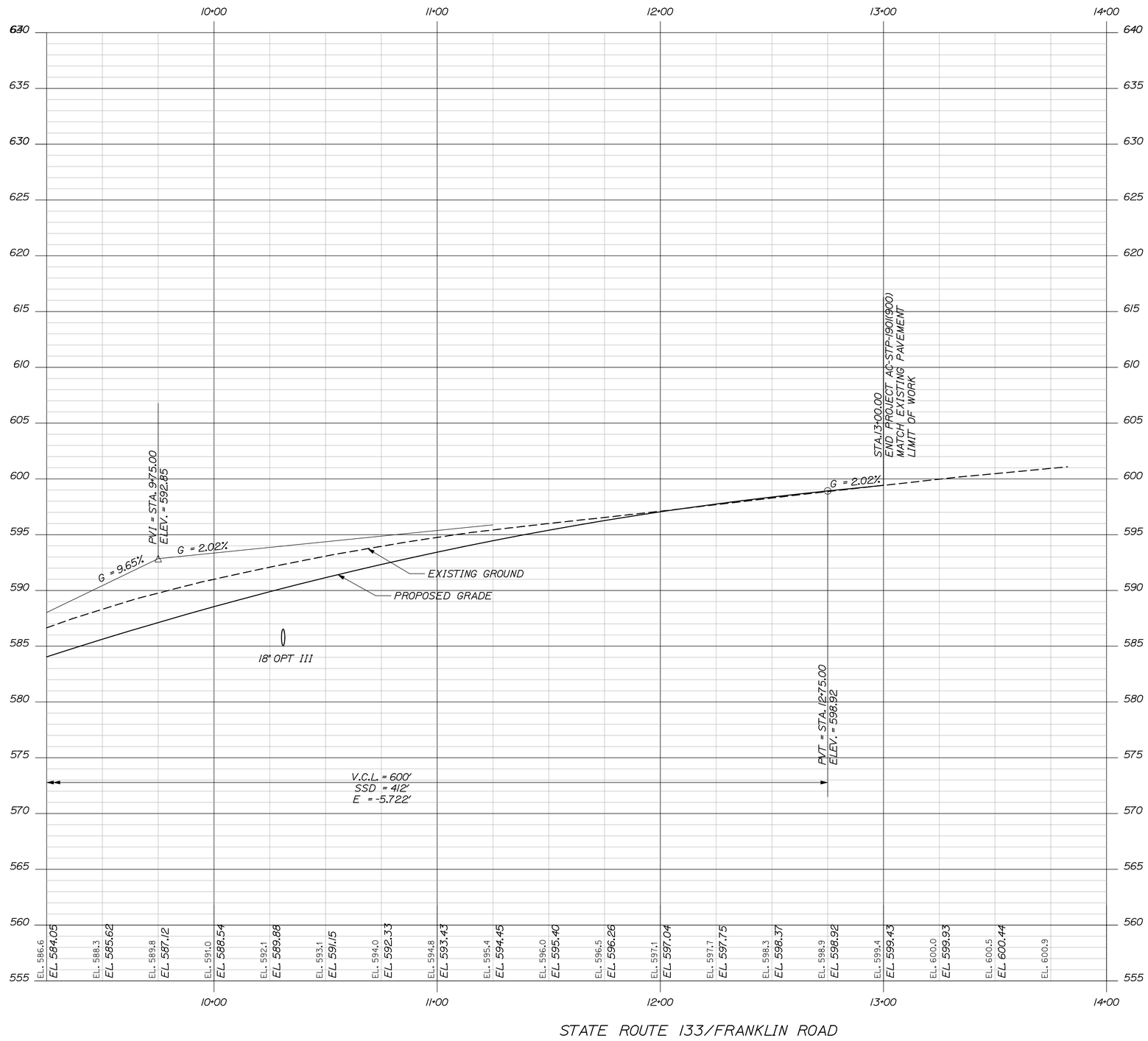
OF 17



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN
19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED
PROFESSIONAL ENGINEER

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FIELD CHANGES			

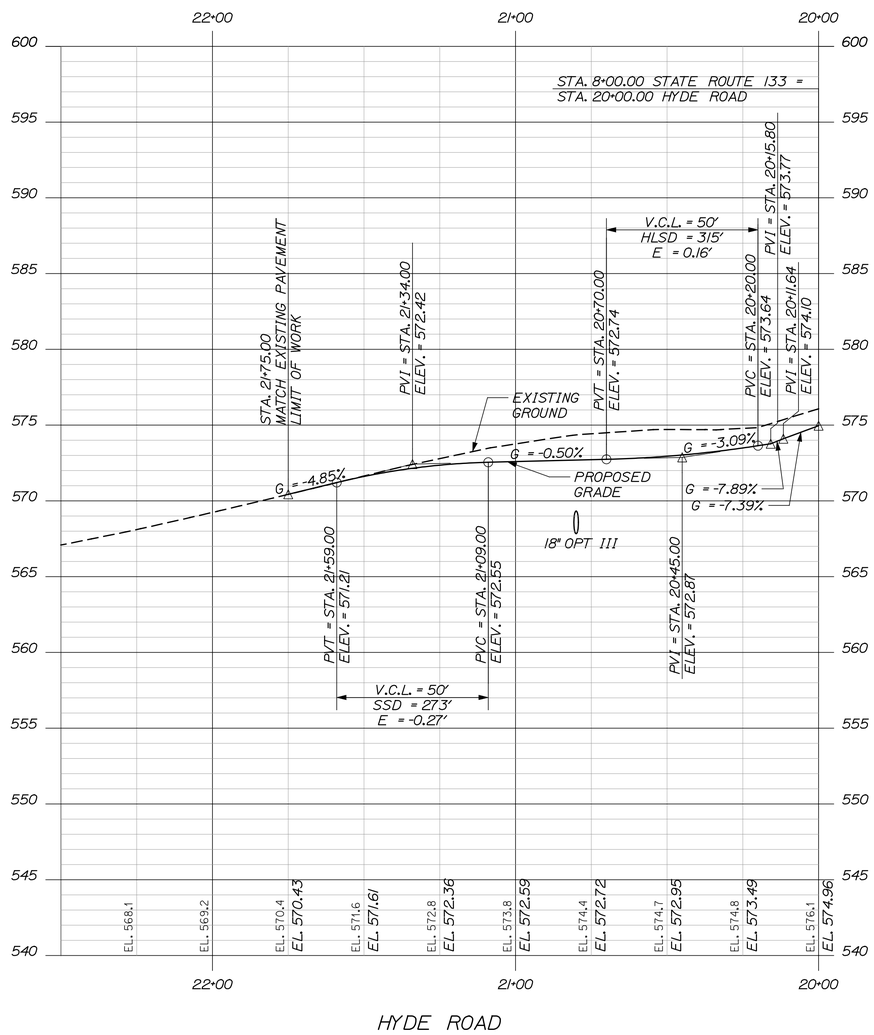
Katherine E. Kern
SIGNATURE
6413
P.E. NUMBER
7/26/2013
DATE

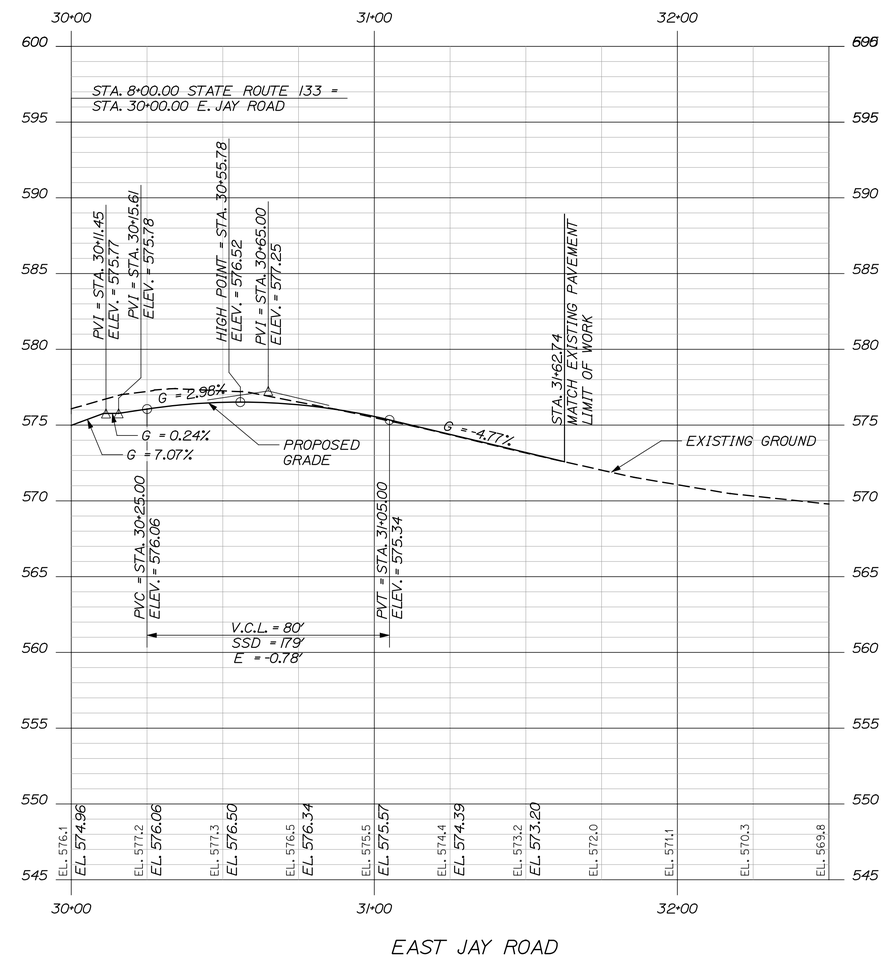
JAY
ROUTE 133 AND HYDE ROAD

PROFILE
ROUTE 133/FRANKLIN ROAD

T·Y·LIN INTERNATIONAL

SHEET NUMBER
6
OF 17





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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE KATHERINE E. KERN No. 6413 LICENSED PROFESSIONAL ENGINEER

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	TSK	5/13
CHECKED-REVIEWED	JRH	KSD	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
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SIGNATURE 6413
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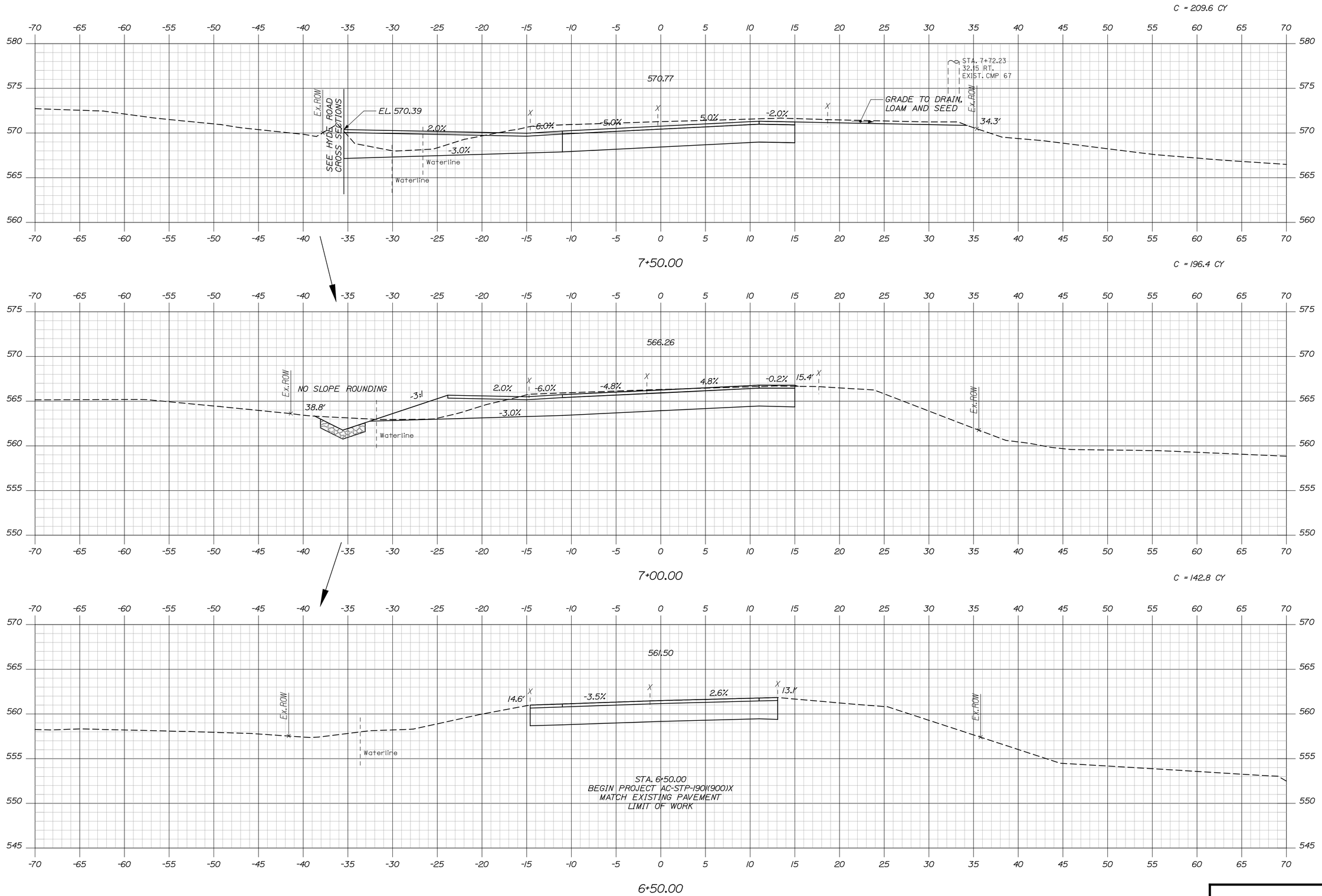
DATE

JAY
ROUTE 133 AND HYDE ROAD
PROFILE
HYDE RD. & EAST JAY RD.

T·Y·LIN INTERNATIONAL

SHEET NUMBER
7
OF 17



Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

Kathleen S. Kern	SIGNATURE	
6413	P.E. NUMBER	
7/26/2013	DATE	

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

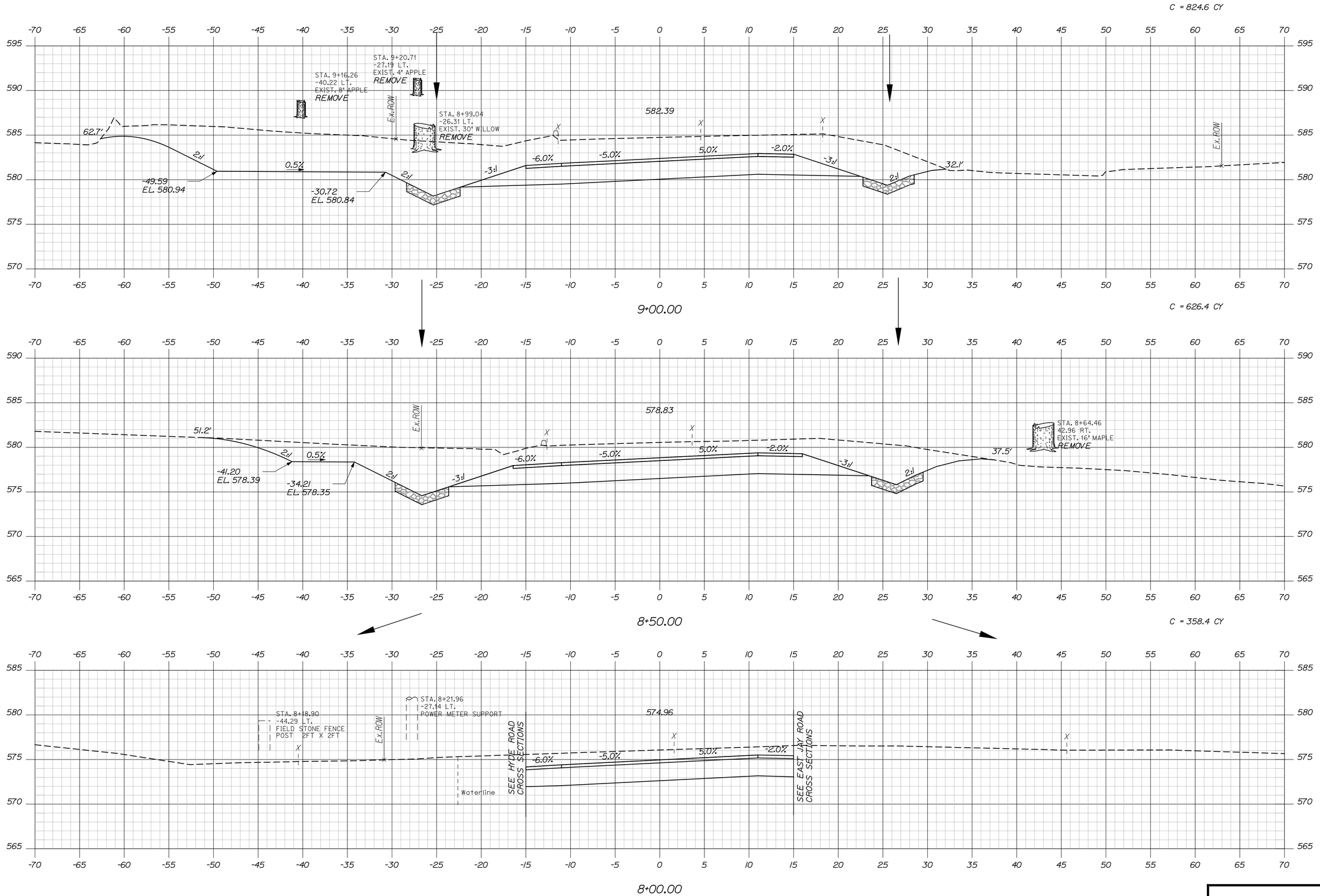
JAY
ROUTE 133 AND HYDE ROAD

CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
8
OF 17

Sta. 6+50.00 to Sta. 7+50.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE	6413	P.E. NUMBER	7/26/2013
DATE			

		BY	DATE
PROJ. MANAGER	K. KERN		
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY
ROUTE 133 AND HYDE ROAD

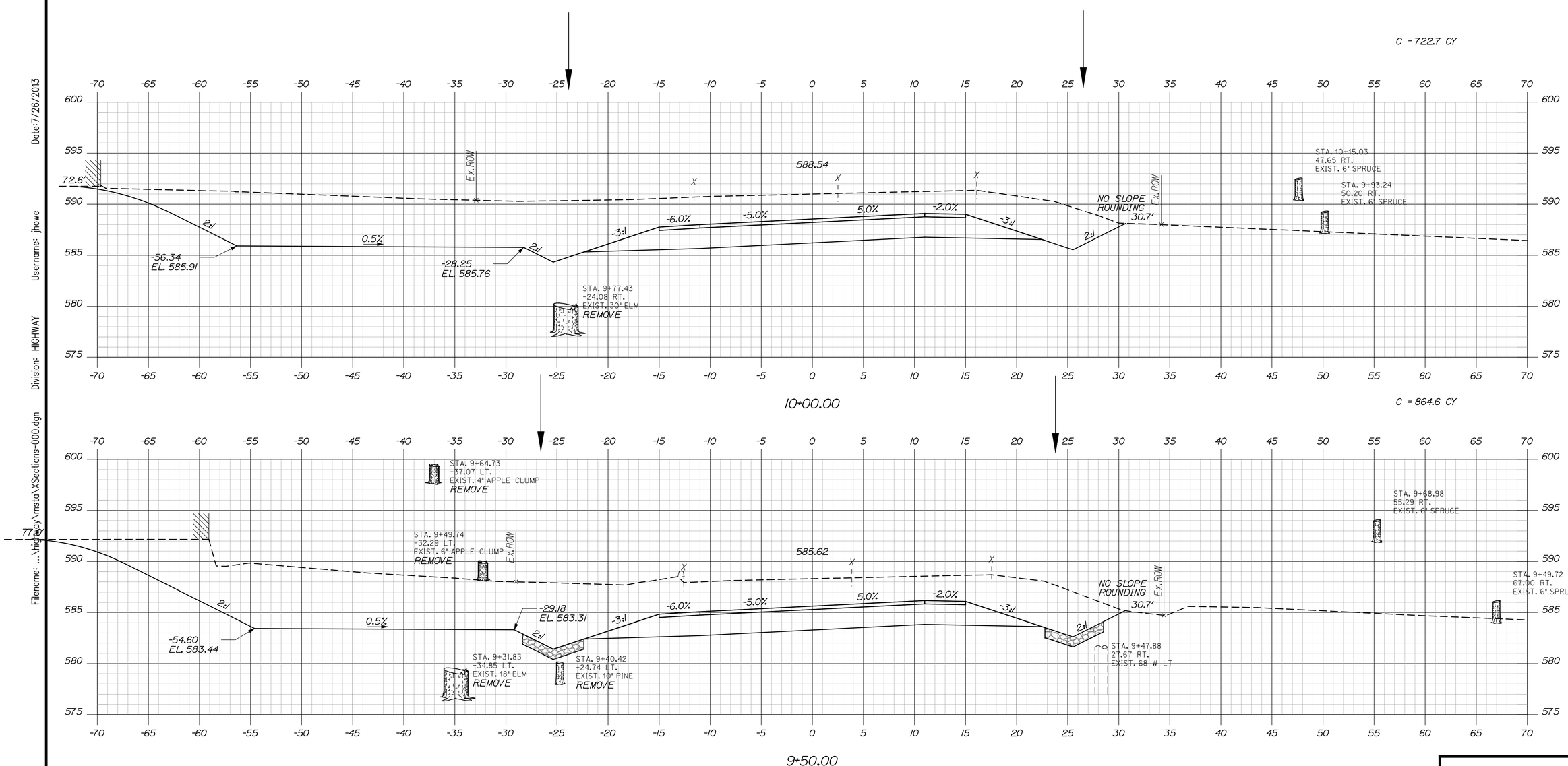
CROSS SECTIONS

SHEET NUMBER
9
OF 17

T·Y·LIN INTERNATIONAL

Sta. 8+00.00 to Sta. 9+00.00

Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



Date:7/26/2013

Username: jhowe

Division: HIGHWAY

Filename: ...\highway\msta\XSections-000.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

Katherine E. Kern

SIGNATURE 6413

P.E. NUMBER 7/26/2013

DATE

		BY	DATE
PROJ. MANAGER	K. KERN		
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY
ROUTE 133 AND HYDE ROAD

CROSS SECTIONS

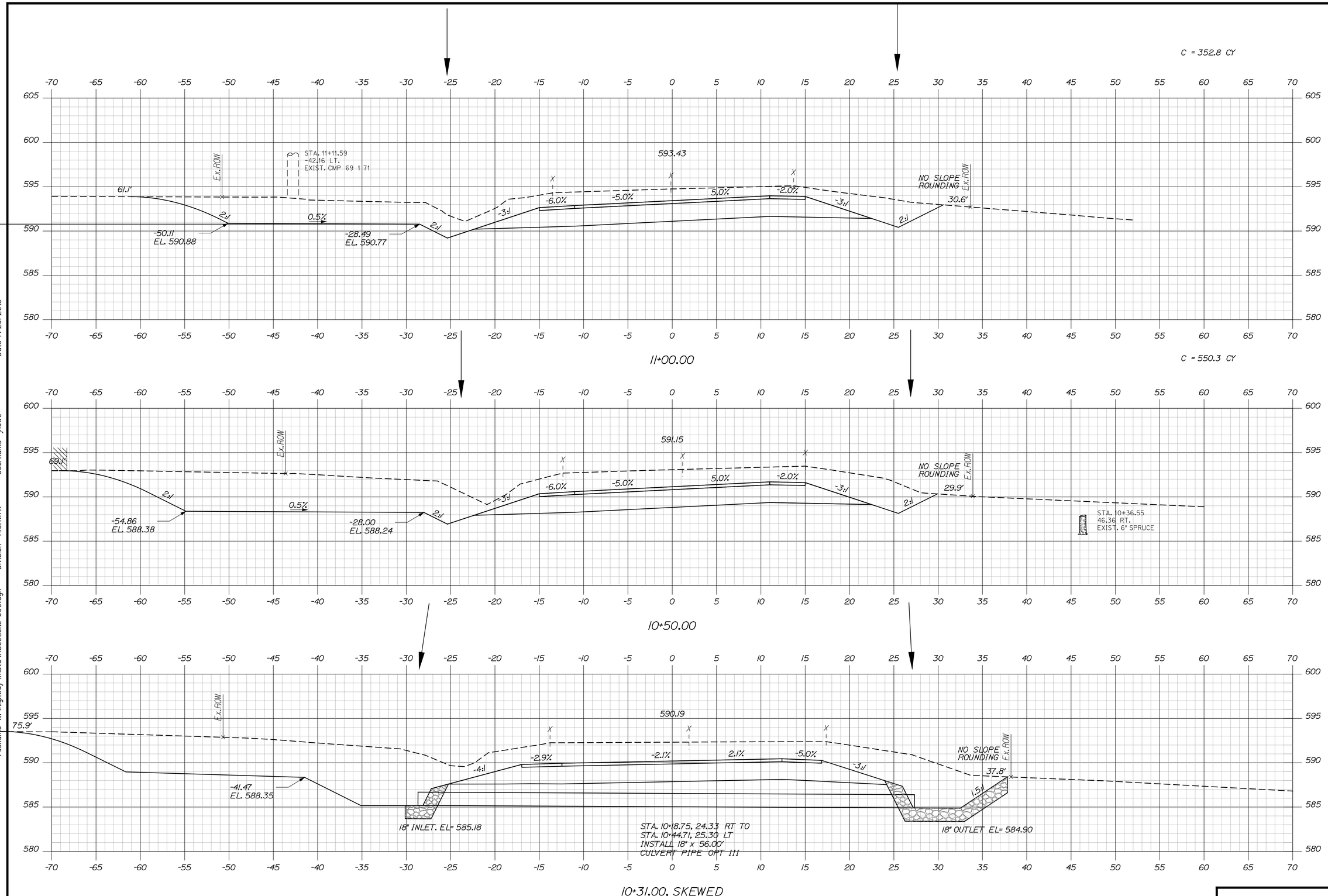
T·Y·LIN INTERNATIONAL

SHEET NUMBER

10

OF 17

Sta. 9+50.00 to Sta. 10+00.00



Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE	6413		
P.E. NUMBER	7/26/2013		
DATE			

		BY	DATE
PROJ. MANAGER	K. KERN		
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

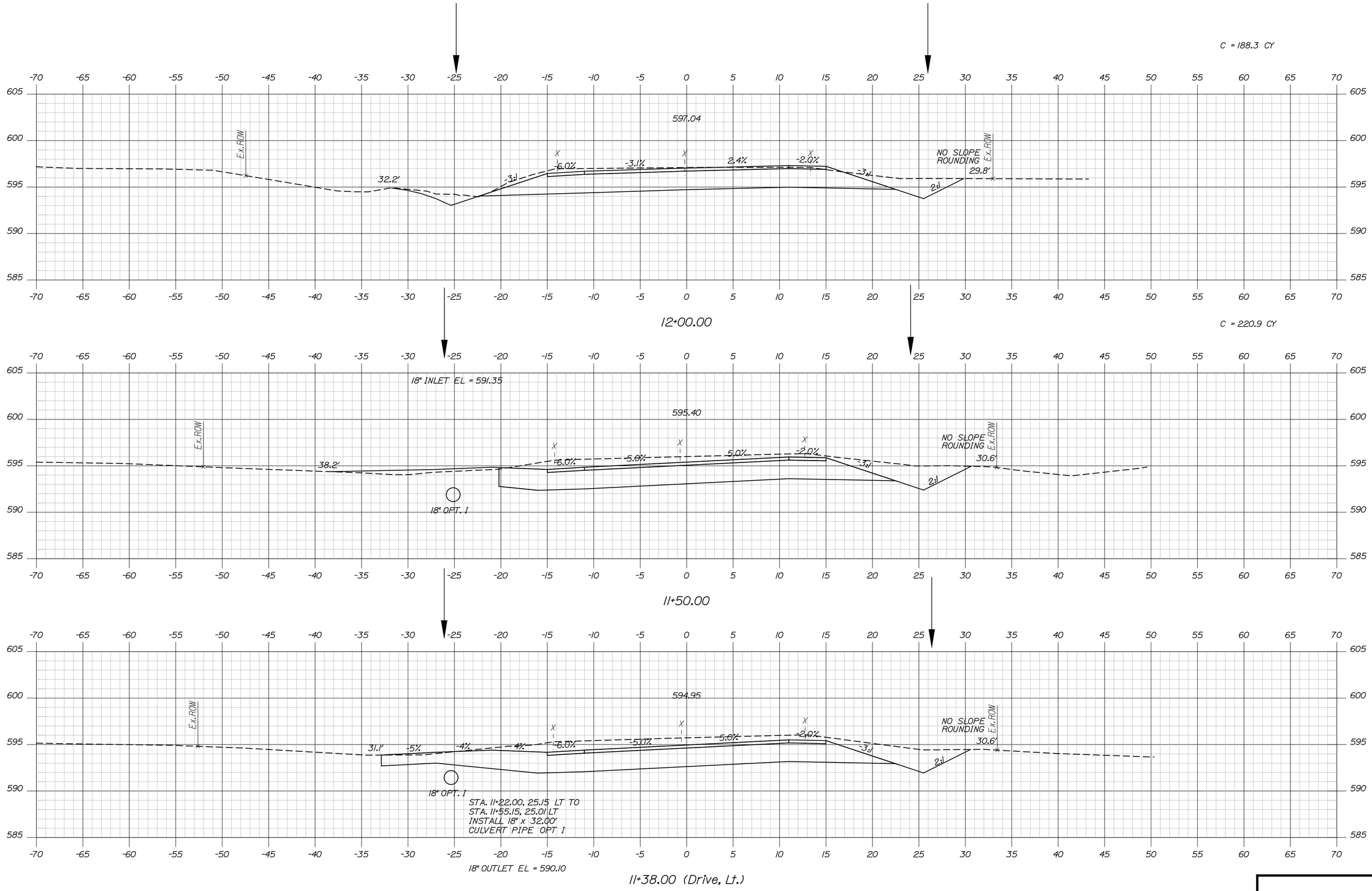
JAY
ROUTE 133 AND HYDE ROAD

CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
11
OF 17

Sta. 10+31.00 to Sta. 11+00.00



Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE 6413
P.E. NUMBER 7/26/2013
DATE

		BY	DATE
PROJ. MANAGER	K. KERN		
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

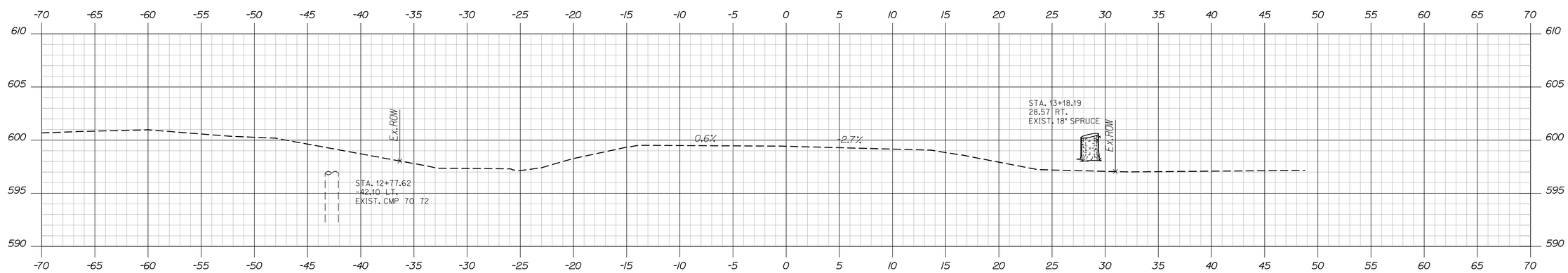
JAY
ROUTE 133 AND HYDE ROAD

CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
12
OF 17

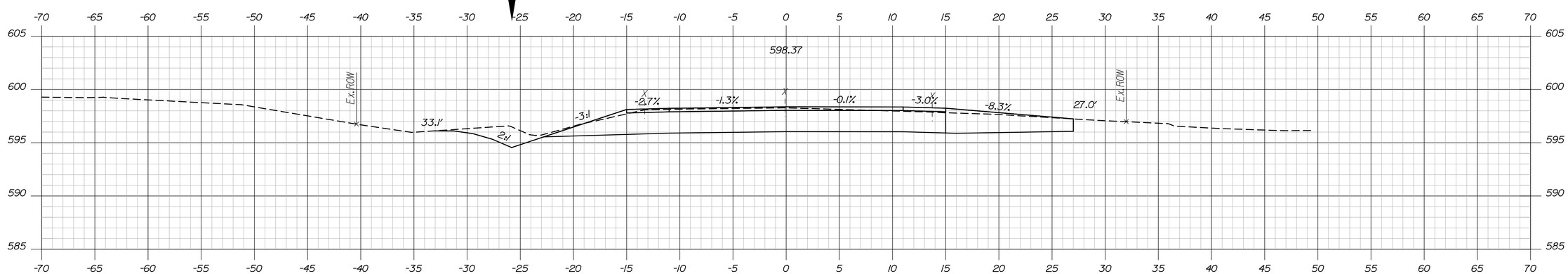
Sta. 11+38.00 to Sta. 12+00.00



13+00.00

END PROJECT AC-STP-1901(900)X
MATCH EXISTING PAVEMENT
LIMIT OF WORK

C = 176.9 CY



12+50.00 (Drive, Rt.)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN
19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED
PROFESSIONAL ENGINEER

SIGNATURE		
6413		
P.E. NUMBER		
7/26/2013		
DATE		

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

JAY
ROUTE 133 AND HYDE ROAD

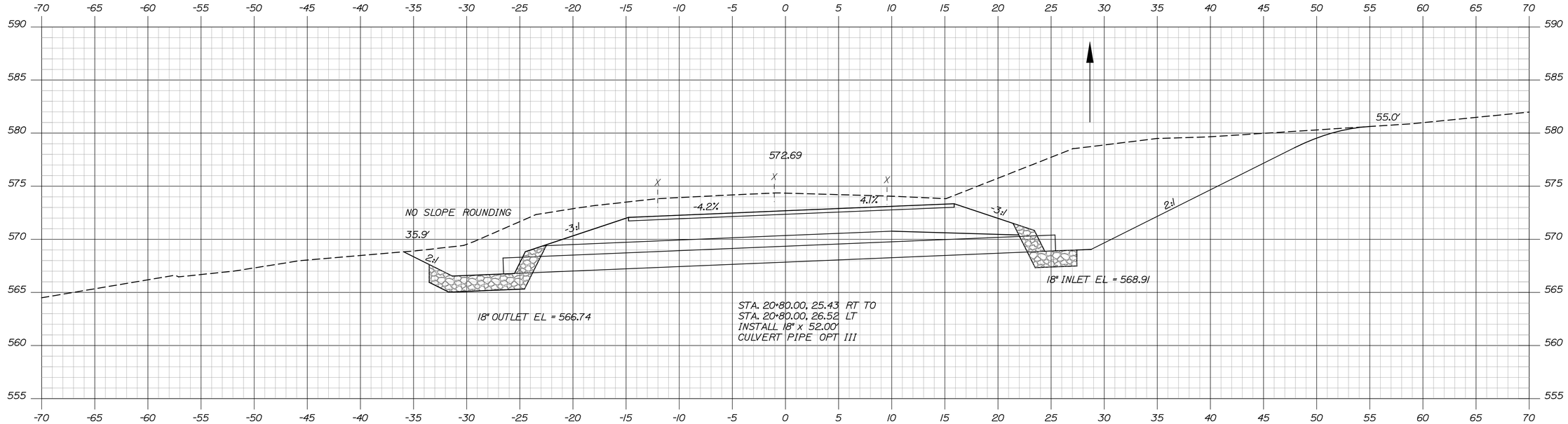
CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
13
OF 17

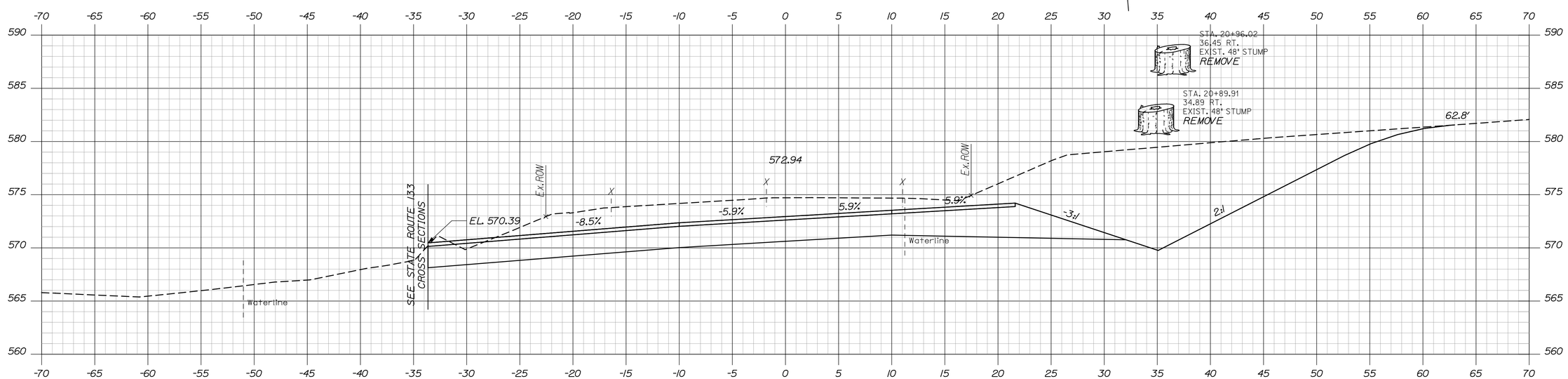
Sta. 12+50.00 to Sta. 13+00.00

Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



20+80.00

C = 655.9 CY



20+50.00

C = 535.8 CY

TYLIN INTERNATIONAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN
19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED
PROFESSIONAL ENGINEER

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED		TSK	5/13
CHECKED-REVIEWED		BAC	5/13
DESIGN2-DETAILED2		TSK	
DESIGN3-DETAILED3		KEK	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
6413
P.E. NUMBER
7/26/2013
DATE

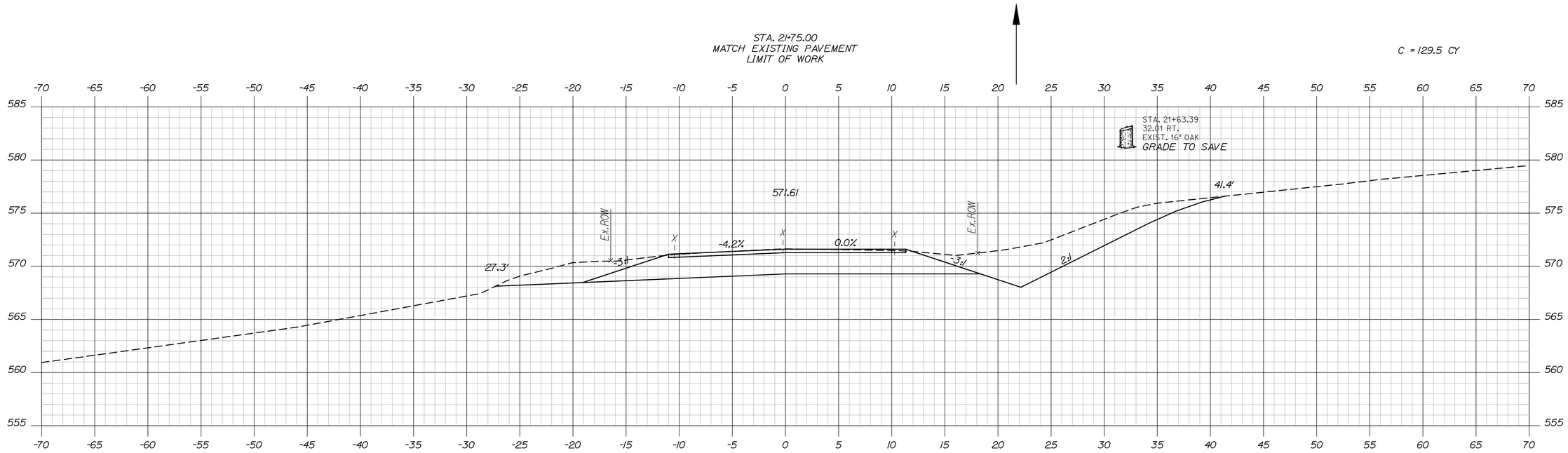
JAY
ROUTE 133 AND HYDE ROAD

HYDE ROAD
CROSS SECTIONS

SHEET NUMBER
14
OF 17

Sta. 20+50.00 to Sta. 20+80.00

Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE	6413	P.E. NUMBER	7/26/2013
DATE			

	BY	DATE
PROJ. MANAGER	K. KERN	
DESIGN-DETAILED	TSK	5/13
CHECKED-REVIEWED	TSK	5/13
DESIGN2-DETAILED2	KEK	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

JAY
ROUTE 133 AND HYDE ROAD

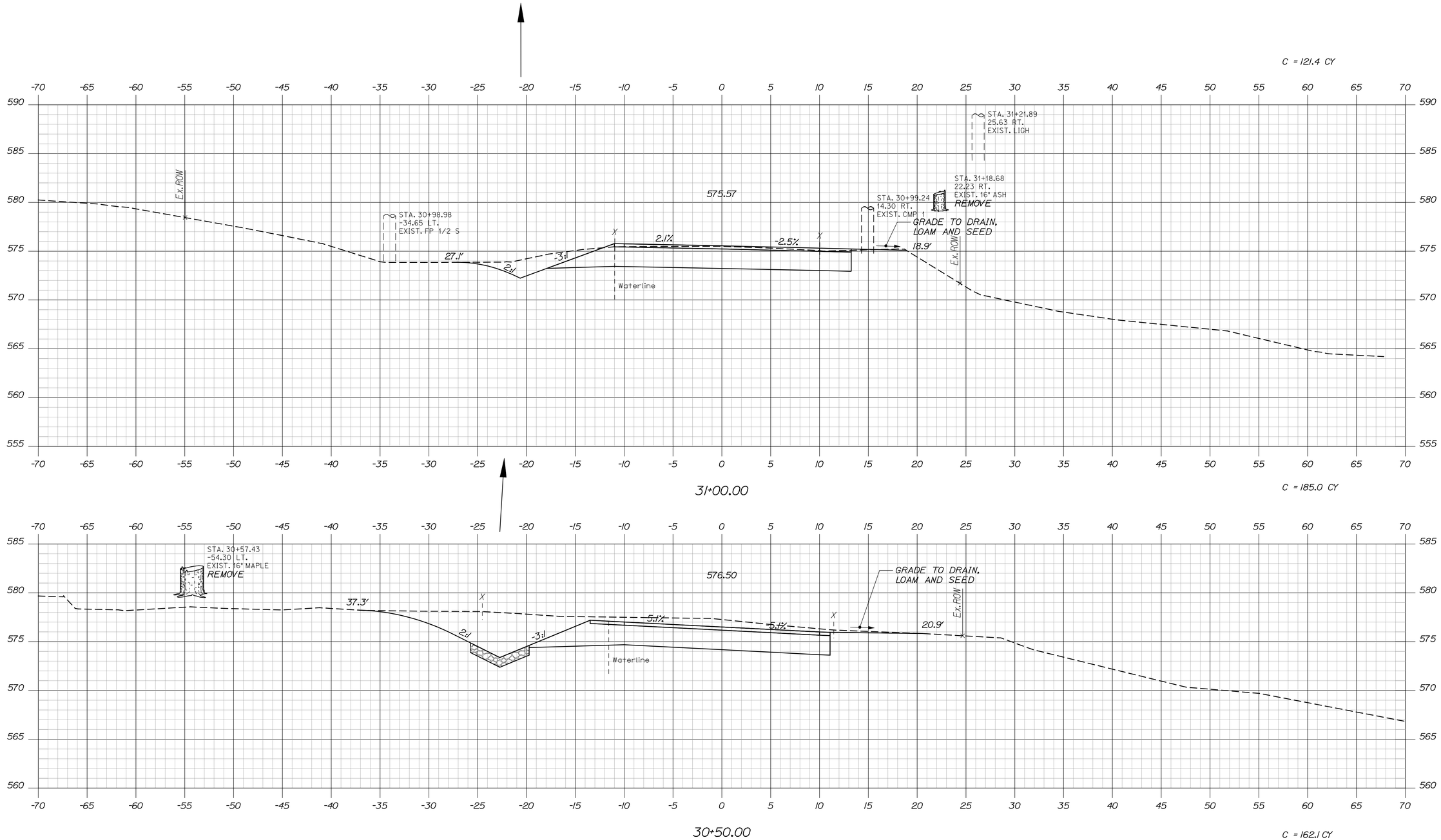
HYDE ROAD
CROSS SECTIONS

SHEET NUMBER
15
OF 17

T·Y·LIN INTERNATIONAL

Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

Sta. 21+00.00 to Sta. 21+50.00



Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN 19019.00

HIGHWAY PLANS

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 6413

P.E. NUMBER 7/26/2013

DATE

JAY
ROUTE 133 AND HYDE ROAD

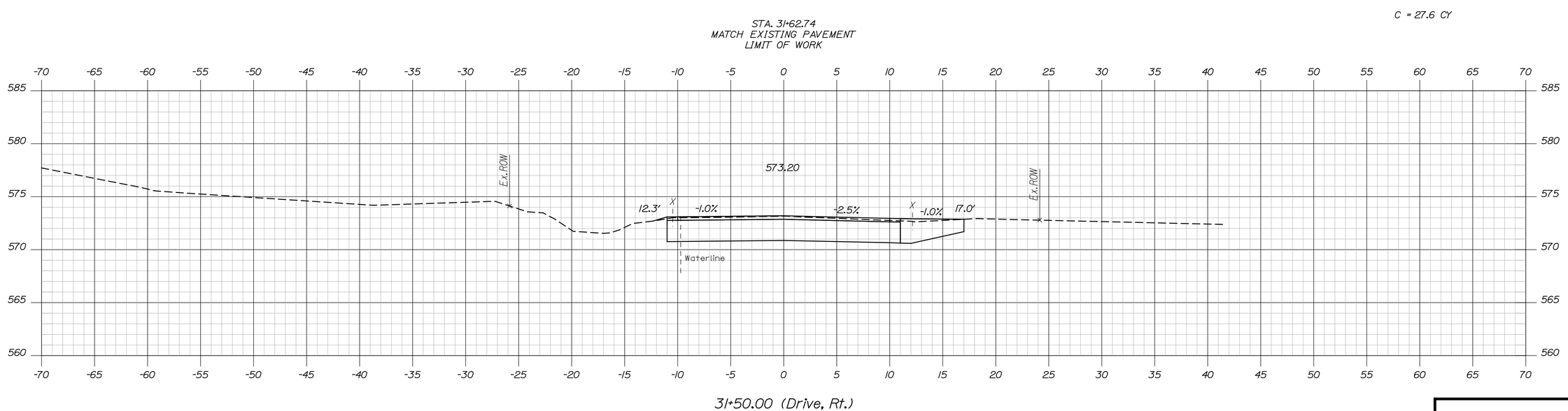
EAST JAY ROAD
CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
16
OF 17

Sta. 30+50.00 to Sta. 31+00.00

Filename: ...\highway\msta\XSections-000.dgn Division: HIGHWAY Username: jhowe Date:7/26/2013



PROJ. MANAGER	K. KERN	BY	DATE
DESIGN-DETAILED	TSK	BAC	5/13
CHECKED-REVIEWED	TSK	KEK	5/13
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
KATHERINE E. KERN
No. 6413
LICENSED PROFESSIONAL ENGINEER

SIGNATURE
6413
P.E. NUMBER
7/26/2013
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(900)

WIN
19019.00

HIGHWAY PLANS

JAY
ROUTE 133 AND HYDE ROAD

EAST JAY ROAD
CROSS SECTIONS

T·Y·LIN INTERNATIONAL

SHEET NUMBER
17
OF 17

Sta. 31+50.00 to Sta. 31+50.00